

## Abstract of Disclosure

A host vehicle system includes a blind-spot warning system providing an indication to the host vehicle a target vehicle entering a blind-spot. The system includes a vehicle bus receiving various vehicle control signals, magneto-resistive sensors receiving proximity information as a function of magnetic field variations, a smart algorithm controller analyzing bus signals and sensor signals, and various vehicle collision systems such as passive restraints, optical light guides, and audible warnings operating in response to a threat from a target vehicle.